

In the Claims

No amendments to the claims are presented herein. For convenience, a complete claim listing follows:

1. (Previously presented) A laminated polymer comprised of at least three adjacent layers of transparent polymer, wherein the laminated polymer is flexible and can be adapted to various shapes and forms, wherein each pair of adjacent layers is separated by a transparent solid non-glass interlayer or an air cavity, wherein said transparent non-glass interlayer or said air cavity contains a device comprising at least one element selected from the group consisting of solid state lighting, heat sensors, light sensors, pressure sensors, thin film capacitance sensors, photovoltaic cells, thin film batteries, liquid crystal display films, suspended particle device films, and transparent electrical conductors.

2. (Previously presented) The laminated polymer of claim 1, consisting of three layers of transparent polymer, wherein each pair of adjacent transparent polymer layers is separated by a transparent solid non-glass interlayer.

3. (Previously presented) The laminated polymer of claims 1 or 2, wherein at least one of said devices comprises solid state lighting or a pressure sensor.

4. (Original) The laminated polymer of claim 3, wherein said solid state lighting is in the form of at least one light emitting diode.

5. (Original) The laminated polymer of claim 3, wherein said solid state lighting is in the form of at least one organic light emitting diode.

6. (Original) The laminated polymer of claim 3, wherein said solid state lighting is in the form of an electroluminescent film.

7. (Previously presented) The laminated polymer of claim 3, wherein at least one of said devices further comprises transparent electrical conductors to provide means to apply an activating voltage to said solid state lighting.

8. (Original) The laminated polymer of claim 7, wherein said transparent electrical conductors are indium tin oxide films.

9. (Previously presented) The laminated polymer of claim 7, wherein said at least one device further comprises a microprocessor chip that is programmed to control said solid state lighting and to cause said solid state lighting to display a sequence of images.

10. (Original) The laminated polymer of claim 9, wherein said microprocessor chip is programmed to cause said solid state lighting to display text.

11. (Original) The laminated polymer of claim 7, wherein there is provided externally to said laminated polymer a microprocessor chip that is programmed to control said solid state lighting and to cause said solid state lighting to display a sequence of images.

12. (Previously presented) The laminated polymer of claim 11, wherein said microprocessor chip is programmed to cause said solid state lighting to display text.

13. to 15. (Cancelled)